

(o) (1) Provisions Governing Handling, etc., of Explosives Applicable. The provisions governing handling, storage, and transportation of explosives apply to the heater elements of a cardox blasting device prior to its installation in the shell.

(2) Transportation and Storage Underground; Conditions When Used for Blasting. Any charged cardox shell shall be transported underground in an insulated car or insulated box placed in an ordinary mine car. It shall be stored on wooden racks, built for that purpose, in a crosscut or an idle room neck, at least ten feet from any power line and haulage track. Where cardox is used for blasting, the following rules apply:

Rule 1 -- Cardox shell does not have to be tamped or stemmed.

Rule 2 -- When cardox is fired, every person in the vicinity, including the shot firer, shall be around a second corner or in an equally safe place.

Rule 3 -- Blasting cable shall be as long as necessary to assure the safety of the shot firer, attached only after the charge has been placed in the borehole and maintained in good repair.

Rule 4 -- The charge may be detonated with a permissible shot-firing unit.

Rule 5 -- Cardox may not be shot off the solid, over heavy rock binders or shale, or in a "tight" shot.

Rule 6 -- Any cardox misfire caused by the failure of the disk to rupture may not be approached until after a waiting period of at least 15 minutes. A mine foreman or his designee shall supervise the handling of the misfire. The misfired shell shall be bled off before removal from the hole, and marked conspicuously on removal from the hole.

(p) Where airdox is used for blasting or breaking down the coal, the following rules apply:

Rule 1 -- Compressed air shall be conducted from the compressor to within a practical working distance of the face by a steel air line tested to withstand an approximate pressure of 20,000 pounds per square inch.

Rule 2 -- Air lines shall be grounded at the compressor and, if possible, at other low-resistance ground connections along the lines, such as at bore-hole casings. They may not be connected in any way to any track, water line, or other electric power return conductor. They shall be suitably insulated where they cross electric wire or underneath the track.

Rule 3 -- Unions shall be installed in each steel air line at not more than 1,000 foot intervals.